

WHAT IS CLAIMED IS:

1. A specimen container attachment, comprising:

an attachment ring adapted for attachment to a specimen

5 container;

a peripheral wall extending from the attachment ring, the peripheral wall having a base, an outer edge, and receiving and capturing areas;

10 the outer edge of the peripheral wall having a generally U-shaped region extending towards the base of the peripheral wall and located in the receiving area of the peripheral wall defining a generally U-shaped receiving space of the receiving area of the peripheral wall; and

wherein a portion of the capturing area of the peripheral wall faces the receiving space of the receiving area of the peripheral wall.

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2. The specimen container attachment of claim 1, wherein the attachment ring has a threaded portion on an inner side of the attachment ring.

20 3. The specimen container attachment of claim 1, wherein the attachment ring has a snap on mechanism.

4. The specimen container attachment of claim 1, wherein an outer side of the attachment ring has a plurality of elongated gripping ridges.
5. The specimen container attachment of claim 4, wherein the gripping ridges are generally evenly spaced apart around the outer side of the attachment ring.
6. The specimen container attachment of claim 4, wherein the gripping ridges have longitudinal axes substantially parallel with one another, the longitudinal axes of the gripping ridges extending substantially perpendicular to a plan in which the attachment ring lies.
7. The specimen container attachment of claim 4, wherein the gripping ridges have upper and lower ends, the lower ends of the gripping ridges being positioned adjacent a bottom edge of the attachment ring, the upper ends of the gripping edges being positioned towards and spaced apart from a top edge of the attachment ring, the upper edges of the gripping ridges lying in a plane substantially parallel to the plane of the top edge of the attachment ring.
8. The specimen container attachment of claim 4, wherein the outer side of the attachment ring has an annular lip extending therearound adjacent to a bottom edge of the attachment ring.

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9. The specimen container attachment of claim 8, wherein lower ends of the gripping ridges are in contact with the annular lip of the attachment ring.

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10. The specimen container attachment of claim 1, wherein the U-shaped region of the outer edge of the peripheral wall has an arcuate lower portion positioned towards the base of the peripheral wall, the U-shaped region of the outer edge of the peripheral wall having a generally smooth and rounded exterior surface.

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11. The specimen container attachment of claim 1, wherein the outer edge of the peripheral wall has a pair of side regions extending between the receiving and capturing areas of the peripheral wall.

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12. The specimen container attachment of claim 11, wherein the side regions slope downwards from the upper region of the outer edge of the peripheral wall to the U-shaped region of the outer edge of the peripheral wall.

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13. The specimen container attachment of claim 1, in combination with a specimen container coupled to attachment ring.

14. In combination:

a) a specimen container attachment, comprising:

an attachment ring adapted for attachment to a specimen  
container, the attachment ring having annular inner and outer  
sides and generally circular top and bottom edges;

the attachment ring has a threaded portion on the inner side  
of the attachment ring located towards the bottom edge of the  
attachment ring;

the outer side of the attachment ring having a plurality of  
elongated gripping ridges, the gripping ridges being generally  
evenly spaced apart around the outer side of the attachment ring,  
the gripping ridges having longitudinal axes substantially parallel  
with one another, the longitudinal axes of the gripping ridges  
extending substantially perpendicular to planes defined by the top  
and bottom edges of the attachment ring, the gripping ridges  
having upper and lower ends, the lower ends of the gripping ridges  
being positioned adjacent the bottom edge of the attachment ring,  
the upper ends of the gripping edges being positioned towards and  
spaced apart from the top edge of the attachment ring, the upper  
edges of the gripping ridges lying in a plane substantially parallel  
to the plane of the top edge of the attachment ring;

the outer side of the attachment ring having an annular lip  
extending therearound adjacent the bottom edge of the attachment

ring, the lower ends of the gripping ridges being in contact with the annular lip of the attachment ring;

5           a peripheral wall extending from the top edge of the attachment ring; the peripheral wall having a base coupled to the top edge of the attachment ring, an outer edge, and opposing receiving and capturing areas;

10           the outer edge of the peripheral wall having a generally U-shaped region extending towards the base of the peripheral wall and located in the receiving area of the peripheral wall defining a generally U-shaped receiving space of the receiving area of the peripheral wall, the U-shaped region of the outer edge of the peripheral wall having an arcuate lower portion positioned towards the base of the peripheral wall, the U-shaped region of the outer edge of the peripheral wall having a generally smooth and rounded exterior surface;

15           an upper region of the outer edge of the peripheral wall located in the capturing area of the peripheral wall lying in a plane spaced apart and above a plane defined by the U-shaped region of the outer edge of the peripheral wall located in the receiving area of the peripheral wall, a portion of the capturing area of the peripheral wall facing the receiving space of the receiving area of the peripheral wall; and

the outer edge of the peripheral wall having a pair of side regions extending between the receiving and capturing areas of the peripheral wall, the side regions sloping downwards from the upper region of the outer edge of the peripheral wall to the U-shaped region of the outer edge of the peripheral wall; and

5           b) a specimen container having a base and a side wall upwardly extending around the base and terminating at an upper edge that defines a top opening into the specimen container;

              the side wall of the specimen container having a threaded portion adjacent the upper edge of the side wall of the specimen container; and

10          the threaded portions of the side wall of the specimen container and the attachment ring of the specimen container attachment being threadably mated together to couple the attachment ring to the specimen container so that the peripheral wall of the specimen container

15          attachment upwardly extends above the top opening of the specimen container.

15. A method for collecting a sample, comprising:

              providing specimen container attachment, comprising:

20            an attachment ring adapted for attachment to a specimen container;

a peripheral wall extending from the attachment ring, the peripheral wall having a base, an outer edge, and receiving and capturing areas;

the outer edge of the peripheral wall having a generally U-shaped region extending towards the base of the peripheral wall and located in the receiving area of the peripheral wall defining a generally U-shaped receiving space of the receiving area of the peripheral wall; and

wherein a portion of the capturing area of the peripheral wall faces the receiving space of the receiving area of the peripheral wall;

attaching the attachment ring of the specimen container attachment to a specimen container;

inserting a portion of a penis into the receiving space so that a tip of the penis faces the capturing area; and

deflecting fluid ejaculated from the penis with the capturing area into the specimen container.

16. The method of claim 15, further comprising resting the penis on  
20 outer edge of the peripheral wall located in the receiving area of the peripheral wall.

17. The method of claim 15, wherein the attachment ring is threadably attached to the specimen container.
18. The method of claim 15, wherein the attachment ring is attached  
5 to the specimen container with a snap on mechanism.
19. The method of claim 15, wherein an outer side of the attachment ring has a plurality of elongated gripping ridges and wherein a user's fingers engage the gripping edges when attaching the specimen container  
10 attachment to the specimen container.
20. The method of claim 15, wherein the U-shaped region of the outer edge of the peripheral wall has an arcuate lower portion positioned towards the base of the peripheral wall, the U-shaped region of the outer  
15 edge of the peripheral wall having a generally smooth and rounded exterior surface.
21. A specimen container attachment, comprising:
  - an attachment mechanism configured for removable attachment  
20 to a specimen container;
  - a peripheral wall extending upwards from the mechanism and comprising a receiving area, an opposing capture area, and two sidewalls therebetween, the receiving area having a lower height than the capture

area with the sidewalls sloping downwards from the capture area towards the receiving area to provide a gradual transition between the capture and receiving areas.

5 22. A specimen container, comprising:

a base;

a peripheral wall extending upwards from the base and comprising a receiving area, an opposing capture area, and two sidewalls therebetween, the receiving area having a lower height than the capture  
10 area with the sidewalls sloping downwards from the capture area towards the receiving area to provide a gradual transition between the capture and receiving areas.

23. A method for collecting a sample, comprising:

15 providing specimen container attachment, comprising:

an attachment ring adapted for attachment to a specimen container;

a peripheral wall extending from the attachment ring, the peripheral wall having a base, an outer edge, and receiving  
20 and capturing areas;

the outer edge of the peripheral wall having a generally U-shaped region extending towards the base of the peripheral wall and located in the receiving area of the

peripheral wall defining a generally U-shaped receiving space  
of the receiving area of the peripheral wall; and

5                   wherein a portion of the capturing area of the  
peripheral wall faces the receiving space of the receiving area  
of the peripheral wall;

attaching the attachment ring of the specimen container  
attachment to a specimen container;

positioning the receiving area anterior to a urethral urine stream of  
a woman; and

10                  deflecting the urine from the urethral urine stream with the  
capturing area into the specimen container.

24. The method of claim 23, further comprising resting the penis on  
outer edge of the peripheral wall located in the receiving area of the  
15 peripheral wall.

25. The method of claim 23, wherein the attachment ring is threadably  
attached to the specimen container.

20 26. The method of claim 23, wherein the attachment is attached to the  
specimen container with a snap on mechanism.

27. The method of claim 23, wherein an outer side of the attachment ring has a plurality of elongated gripping ridges and wherein a user's fingers engage the gripping edges when attaching the specimen container attachment to the specimen container.

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28. The method of claim 23, wherein the U-shaped region of the outer edge of the peripheral wall has an arcuate lower portion positioned towards the base of the peripheral wall, the U-shaped region of the outer edge of the peripheral wall having a generally smooth and rounded  
10 exterior surface.